

Application Serial No. 10/665,629  
Amendment after final dated February 10, 2005  
Reply to final Office action of December 10, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-21. (Cancelled)

22. (Currently amended) A cap for distributing an air flow output by a heating or conditioning unit with forced or natural convection in a vertical direction, the unit having a housing with an upper end and a base and being of the type to be mounted against a vertical wall, the cap comprising a frame with a ~~bottom and a top~~, ~~said bottom being open and connectible to said upper end of the housing of said unit~~, ~~said top being provided with a rear portion which is intended to face the vertical wall against which the unit is mounted, and with a front portion~~, ~~said front portion having a substantially rectangular opening, and deflector means located in said opening, the deflector means having an inner surface facing said bottom of the cap and an opposed outer surface and being angularly displaceable around a longitudinal axis extending parallel to said vertical wall, from a closure position of for closing said substantially rectangular opening to a and an open position, the deflector means having an inner surface which, in said closed position, faces inside the unit, and an opposed outer surface, wherein, in the open position, the deflector means in which it is inclined to the vertical direction of the air flow so that the outer face surface of the deflector means is turned towards the wall against which the unit is mounted, a plurality of parallel fins being provided inside said opening of said front portion, said fins lying in planes perpendicular to said longitudinal axis whereby a portion of the air flow output from the unit is directed towards the vertical wall.~~

23. (Previously presented) A cap according to claim 22 wherein said deflector means are in form of a vane.

24. (Previously presented) A cap according to claim 22 wherein said deflector means are electrically operated.

25. (Currently amended) A cap for distributing an air flow output by a heating or conditioning unit with forced or natural convection in a vertical direction, the unit having a housing with an upper end and a base and being of the type to be mounted against a vertical wall, the cap comprising a frame with a ~~bottom and a top~~, ~~said bottom being open and~~

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connectible to said upper end of the housing of said unit, said top being provided with a rear portion which is intended to face the vertical wall against which the unit is mounted, and with a front portion, said front portion having a substantially rectangular opening, and a deflector vane located in said opening, the deflector vane ~~having an inner surface facing said bottom of the cap and an opposed outer surface~~ and being angularly displaceable around a longitudinal axis extending parallel to said vertical wall, from a closure position ~~of~~ for closing said substantially rectangular opening to a and an open position, the deflector vane having an inner surface which, in said closed position, faces inside the unit, and an opposed outer surface, wherein, in the open position, the deflector vane in which it is inclined to the vertical direction of the air flow so that the outer face surface of the deflector vane is turned towards the vertical wall against which the unit is mounted, whereby a portion of the air flow output from the unit is directed towards the vertical wall, a plurality of parallel fins being provided inside said opening of said front portion, said fins lying in planes perpendicular to said longitudinal axis.

26. (Previously presented) A cap according to claim 25 wherein the deflector vane is roof-shaped with two inclined pitches.

27. (Previously presented) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 22.

28. (Previously presented) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 23.

29. (Previously presented) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 24.

30. (Previously presented) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 25.

31. (Previously presented) A heating or air-conditioning unit with forced convection or with natural convection comprising an air flow distribution cap according to claim 26.

32. (New) A cap according to claim 22, wherein the frame of the cap has a bottom, said bottom being open and connectible to said upper end of the housing of said unit.

33. (New) A cap according to claim 23, wherein the frame of the cap has a bottom, said bottom being open and connectible to said upper end of the housing of said unit.

34. (New) A cap according to claim 24, wherein the frame of the cap has a bottom, said

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bottom being open and connectible to said upper end of the housing of said unit.

35. (New) A cap according to claim 25, wherein the frame of the cap has a bottom, said bottom being open and connectible to said upper end of the housing of said unit.

36. (New) A cap according to claim 26, wherein the frame of the cap has a bottom, said bottom being open and connectible to said upper end of the housing of said unit.